

adelco Reaper

Introducing our innovative robotic arm, specially designed to automate the process of removing printed garments from dryers. This cutting-edge technology streamlines production, boosts efficiency, and reduces manual labour.

Arm's length can reach up to 150cm

Fully customisable



Maximum belt speed for 2-line operation: 1.5 min.
Maximum belt speed for 3-line operation: 2 min.

Uninterrupted 24/7 Operation

Advantages

The Adelco Reaper redefines t-shirt printing with advanced robotic arm automation, delivering unmatched efficiency, precision, and workplace safety. Seamlessly integrating into your workflow, it empowers your team to accomplish more with less effort, giving you a competitive edge.

Engineered for nonstop operation, the Reaper minimizes downtime while maximizing throughput, effortlessly synchronizing with high-speed drying lines to meet increasing production demands. By reducing manual handling, it lowers labor costs, minimizes errors, and prevents garment damage—driving significant cost savings.

Beyond boosting productivity, the Reaper enhances workplace safety by eliminating repetitive and hazardous tasks, significantly reducing the risk of injuries from high-temperature dryers. Its intuitive, user-friendly controls ensure effortless integration with existing dryer systems, making programming and operation simple for any team.

Designed for consistency and precision, the Reaper guarantees uniform handling of every t-shirt, maintaining exceptional product quality across even the most complex printing setups. With energy-efficient technology at its core, it supports sustainable production practices, reducing waste and minimizing environmental impact.

Innovative, reliable, and built for the future—The Adelco Reaper is the ultimate automation solution for t-shirt printing businesses looking to scale, streamline, and succeed.

Max. Arm Length	1500mm
Repositioning Accuracy	±0.05mm
Max. Load	10kg
Power Capacity	5.06 kVA
Power Supply	6kw
Reaper Weight	150kg
Base Weight	320kg